**My First Website - HTML and CSS**

Resource Link: <https://drive.google.com/file/d/0B4L14q7KK3C1V084UnVscmV1MVU/view?usp=sharing>

<http://kata.coderdojo.com/wiki/My_First_Website>

<https://drive.google.com/file/d/0B9U-mq2rGtjVUUtQOVVIUThTbjg/view?usp=sharing>

Module 1

1. Edit a web page
2. Source code download and project setup
3. Using code editor to write your codes
4. Creation of About Me page

Checks:

* Familiarise source code and directories
* Able to write HTML file and view the webpage.
* Understand different tags used in HTML page such as <html>, <head>, <title>, <body>
* Demonstrate the use of <h1> or <h2>, <p>, <strong> tags.
* Answer the questions on the card

Module 2

1. Make a new web page
2. Replicate an existing blank.html file and rename it for your Books page as books.html.
3. Modify your Books page to include your favourite books.

Checks:

* Demonstrate the use of different list tags such as <li>, <ul> and <ol>
* Answer the questions on the card

Module 3

1. Make the home page
2. Replicate the existing blank.html file and rename it to index.html as your home page.
3. Add link to your books.html page with the use of <a href> and name the link as My Favourite Books

Checks:

* Demonstrate the use of anchor tag as <a href>
* As part of this activity, make three more pages ad add the links from the home page. See the card for some suggestions.

Module 4

1. Add some style
2. Style the homepage with the use of CSS by linking the simple.css file to your index.html file.
3. Add styling to simple.css file

Checks:

* Demonstrate the use of <link> tag with its attributes such as type, rel and href
* Styling your html elements such as <body> and <h1> with font-family, background-image, padding, background-color, color and border-radius and understand its uses.

Module 5

1. Link the pages
   1. Add the links from the home page to each of the files about-me.html, books.html, family.html and so on.

Checks:

* Getting used to list tags such as <ul> and <li> and the link tag such as <a href>
* Be sure to copy the full set of links to all the other pages and put it on the same place before the h1.

Module 6

1. Style the top menu
2. The links on each of the page would be the top menu.
3. Style this top menu as viewed on the cards. Do it one step at a time and see how the CSS works.

Checks:

* Styling your list tags such as <ul> and <li> with border-style, border-width, border-color, list-style-type, display, padding, margin-right, margin-left and color.
* Also style your anchor tag <a> with color.

Module 7

1. Style the menu links
   1. To style your menu links, you need to edit the HTML files and the CSS file.
   2. Styling the menu with the use of class attributes.

Checks:

* Demonstrate the use of class attribute to style the menu.
* Use a new rule to the CSS when you over an anchor element such as a:hover.
* Style your list with different text-decoration.
* Style your list with color by specifying the code for the light blue color in hexadecimal.

Module 8

1. Identify the menu
   1. To identify the menu, we need to give it a class attribute

Checks:

* Apply the style using class attribute to <ul> tag on pets.html file
* Be sure to follow the instructions on the card

Module 9

1. Getting responsive
   1. Design your website to look good on all types of devices such as desktop PCs, laptops and mobile phones.
   2. CSS float property is one way to style the website as responsive.

Checks:

* Styling the page with the use of tags, such as <article> and <aside> and adding the selectors to the CSS file.
* Styling the article tag with the use float, border-style, border-width, margin-right, margin-bottom.
* Styling the aside tag with the use of float, border-style, border-with, padding, border-radius, background-color.
* Notice the use of em and px
* Refer to the card for the challenge which is changing of the design look by the use of box-shadow, color, list-style, font-size, opacity, transform, transition and border-style

Module 10

1. Add a table
   1. Edit My Favourite Books page to have a table listing with the use of table elements
   2. Style your page by adding selectors to your simple.css file

Checks:

* Styling your table elements with border, border-collapse, background-color, vertical-align, padding, text-align
* Refer to the card for the challenge, which is adding column to the table.
* Also add marquee tag to the page.